

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Laurie S. MITTELSTADT, et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date: March 7, 2002

Group Art Unit:

Title: ION EXCHANGE SYSTEM STRUCTURE WITH A MICROTEXTURED SURFACE, METHOD OF MANUFACTURE, AND METHOD OF USE THEREOF



COMMISSIONER FOR PATENTS
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a petition under 37 CFR 1.97(d)(2), and
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no.

Date of Deposit

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By _____

Typed Name:

Respectfully submitted,

Laurie S. MITTELSTADT, et al.

By

John K. Harrop

Attorney/Agent for Applicant(s)
Reg. No. 41,817

Date: March 7, 2002

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10015155-1

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

Laurie S. MITTELSTADT, et al.

FILING DATE

March 7, 2002

GROUP

J1040 U.S. PTO
10/091485

03/07/02

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1A	6,136,412	10/24/00	Spiewak et al.	428	143
	1B	6,326,097	12/4/01	Hockaday	429	34
	1C					
	1D					
	1E					
	1F					
	1G					
	1H					
	1I					
	1J					
	1K					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L							
	1M							
	1N							
	1O							
	1P							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Chun, William, et al., "Sputter Deposition of Catalysts for Fuel-Cell Electrodes", December 1999, pp i, 1-4, National Aeronautics and Space Administration Contract No. NAS 7-918, NASA TECH BRIEF Vol. 23, No. 12, Item # from JPL NEW TECHNOLOGY REPORT NPO-20250.
1R	Lee, Sang-Joon J., et al., "Miniature Fuel Cells With Non-Planar Interface By Microfabrication", 198th meeting of the Electrochemical Society, October 22-27, 2000, Phoenix, Arizona, 11pp.
1S	

EXAMINER

DATE CONSIDERED